

Docket No.: 215177.00101  
Customer No. 27160

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

James J. HICKMAN

Application No. 09/575,377

Filed: May 22, 2000

For: HIGH THROUGHPUT FUNCTIONAL GENOMICS

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:  
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:  
Group Art Unit: 1631

: Examiner: M. P. Allen

**AMENDMENT**

**BOX AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Advisory Action dated April 15, 2003, please enter the Amendment  
filed on April 3, 2003, and further amend the claims as follows:

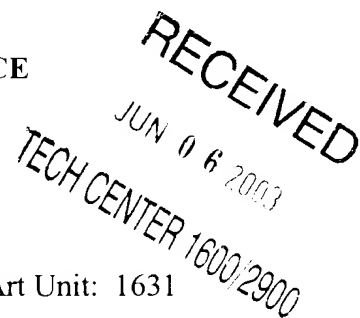
**IN THE CLAIMS**

A marked-up version of the claims showing the changes is attached as Exhibit A, in  
which language being deleted struck through and language being added is underlined.

C. 1. (Once Amended) A system capable of identifying one or more ion channels of a cell,  
which elements are affected by a test substance, comprising a device and accompanying  
software,

in which said device comprises:

(a) a solid state microelectrode;



#23/C  
Zita  
6-10-03